Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 01 Aug 2023 until 23:59 on Wednesday 02 Aug 2023

Forecast Issued on Tuesday 01 Aug 2023 at 04:47

Confidence: High for the continuation of unsettled conditions. Some uncertainty regarding the track of low pressure systems and rain on Wednesday and Saturday, also for strengths of the strongest winds

Headline for Tuesday 01 Aug 2023: Dull start with patchy drizzle. Brighter afternoon with some showers. Turning wet and windy again late on.

Mountain weather hazards on Tuesday 01 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Light rain	Sunny intervals	Dull
Precipitation probability					
30%	60%	60%	30%	20%	20%

Forecast for Tuesday 01 Aug 2023

Weather: Thick cloud this morning bringing outbreaks of showery rain and drizzle, mainly across High Peak, whilst slightly drier further south. Some well-scattered showers then developing into the afternoon. Showers easing late afternoon. Cloud gradually thickening from the southwest late on ahead of overnight rain.

Chance of cloud-free hill tops above 600m: 30% in the north and west initially, and 50% elsewhere. Improving to 80% by early afternoon.

Low cloud and visibility: Widespread cloud this morning with bases of 500-600m, perhaps down to some lower slopes around 400m across the northern Peak District Cloud should gradually lift and break into the afternoon, although patches of cloud may persist across higher ranges intermittently shrouding their peaks in any showers. Visibility generally good, but poor or very poor in morning rain and drizzle and moderate in any showers. Visibility deteriorating later to poor as rain arrives.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 01 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/31 W	24/30 W	21/28 W	19/25 W	13/17 W	8/11 S	13/18 SE
300	19/26 W	19/27 W	16/23 W	12/18 W	7/10 W	7/9 SE	9/15 SE
Valley	13/26 W	13/26 W	12/23 W	10/19 W	6/11 W	4/8 SE	6/15 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	11/7	11/8	12/9	12/10	11/10	11/9
300	12/9	12/9	13/11	15/12	14/14	14/13	14/12
Valley	13/10	13/10	14/12	15/14	15/15	14/13	14/13
Freezing Level*	2600m	2600m	2700m	2700m	2700m	2400m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 30-40mph possible Tuesday morning and again late on may make for difficult walking conditions, with a risk of being buffeted. Elevated UV levels in any sunny intervals.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 01 Aug 2023	7.2mm	17.4mm	17.8mm

Forecast for Wednesday 02 Aug 2023

Weather: A wet start as overnight, a band of heavy and persistent rain sweeps across the park. This clearing to showery conditions Wednesday morning although remaining cloudy. Occasional showers will continue through the rest of the day. These will be heavy at times, with a risk of thunderstorm activity. Showers fading later, although a return to heavy and persistent rain is possible late on and overnight.

Maximum wind: South or southeast 25-30mph gusting 35-40mph, easing through the morning. Turning northerly15-20mph, gusts 30-40mph later.

Chance of cloud-free hill tops above 600m: 10-20% gradually increasing to 60%. 90% away from the west in the evening. Lowering to 40% in the east later.

Low cloud and visibility: Extensive cloud around 400-500m during the morning, becoming more broken with bases rising above 800m by midday. Bases may lower at times during thundery showers or longer spells of rain, and more widely to 500m across northern and eastern areas Wednesday evening.

Temperature: **Valleys:** Plus 12 Celsius rising to plus 18 Celsius
At 600m: Plus 11 Celsius becoming Plus 15 Celsius
Freezing level: Well above summits.

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